

# Examiner-Initiated Interview Summary

Application No.

09/736,574

Applicant(s)

SPALING ET AL.

Examiner

Meless N Zewdu

Art Unit

2683

## All Participants:

(1) Meless N Zewdu.

(2) Lastova, John R. (Reg. # 33,149).

Status of Application: \_\_\_\_\_

(3) \_\_\_\_\_

(4) \_\_\_\_\_

Date of Interview: 13 February 2004

Time: \_\_\_\_\_

## Type of Interview:

- ☒ Telephonic  
☐ Video Conference  
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No  
If Yes, provide a brief description:

## Part I.

Rejection(s) discussed:

*Previous (preceding) rejection*

Claims discussed:

*1, 13 and 45*

Prior art documents discussed:

*(US 6,192,249 B1) issued to Padovani*

## Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

*See Continuation Sheet*

## Part III.

- ☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

2-18-04  
*Meless N Zewdu*  
(Examiner/SPE Signature)

\_\_\_\_\_  
(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: Examiner suggested to applicant that claims 1, 13 and 45 be amended with the feature "counter" or "counting step" to distinguish these claims over the newly discovered Prior art of issued to Padovani. The patent number of Padovani's reference was provided to applicant after which agreement was reached to amend the claims as suggested by examiner..

**DETAILED ACTION**

***Response to Amendment (A)***

1. This action is in response to the communication filed on 12/11/03.
2. The substituted drawing (Fig. 9) has been received and approved by examiner. Consequently the objection to the drawings provided in the previous Office Action has been withdrawn.
3. Claims 9, 10 and 12 are cancelled in the current amendment..
4. Claims 1-8, 11 and 13-52 are pending in this action.
5. Claims 1-8, 11 and 13-52 are allowed. The allowance is based on the latest amendment resulted from the communication between applicant's representative and examiner (see attached Interview Summary).

***Allowable Subject Matter***

Claims 1-8, 11 and 13-52 are allowed.

The following is an examiner's statement of reasons for allowance:

**As per claims 1-8, 11 and 13-52:** the claims are directed to an exemplary art of traffic load determination and regulation, based on transmit power control commands in a wireless cellular communication network. The prior art of record does not teach or fairly suggest the feature directed to the use of a counter or counting steps for counting transmit power commands (increase and/or decrease) used in a base station for

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determining and regulating a traffic load condition in a cell as recited in claims 1, 13, 20, 34 and 45.

**Prior art of record:**

(WO 00/38348) issued to Laakso, discloses a method for traffic control in a telecommunication network (see title; abstract; page 2, line 25-page 3, line 9).

(US 6,389,265 B1) issued to Jeschke et al., discloses transmission power correction in a mobile communications system (see title; abstract; col. 1, lines 25-61).

(US 6,226,526 B1) issued to Sakoda et al., discloses transmission power control method, base station apparatus and communication terminal (see title; abstract; col. 7, line 45-col. 8, line 53).

(US 5,924,043) issued to Takano, discloses method and apparatus for controlling transmission power in a cellular mobile communication system (see abstract).

(US 5,960,353) issued to Lee, discloses microcell load measurement using feedback control (see title; abstract).

(US 6,418,137 B1) issued to Bontu et al., discloses transmission signal power control in cellular communications system (see title; abstract).

(US 5,946,346) issued to Ahmed et al., discloses method and system for generating a power control command in a wireless communication system (see title; abstract).

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(US 6,269,239 B1) issued to Hashem et al., discloses system and method to combine power control commands during soft handoff in DS/CDMA cellular systems (see title; abstract).

(US 6,512,925 B1) issued to Chen et al., discloses method and apparatus for controlling transmission power while in soft handoff (see title; abstract).

(US 6,259,927 B1) issued to Butovitsch et al., discloses transmit power control in a radio communication system (see title; abstract).

(US 6,192,249 B1) issued to Padovani, discloses method and apparatus for reverse link loading estimation (see title; abstract; col. 7, line 23-col. 8, line 14; col.13, line 5-col. 14, line 67).

(US 5,859,838) issued to Soliman, discloses load monitoring and management in a CDMA wireless communication system (see title; abstract).

(US 6,343,218 B1) issued to Kaneda et al., discloses transmission power control method, mobile phone, base station, and recording medium (see title; abstract).

(WO 99/16185) issued to Knutsson et al., discloses integrated power control and congestion control in a communication system (see title; abstract).

(WO 00/33475) issued to Padovani, discloses method and apparatus for reverse link loading estimation (see abstract).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Meless N Zewdu whose telephone number is (703) 306-5418. The examiner can normally be reached on 8:30 am to 5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (703) 308-5318. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

Meless Zewdu

*M. Z.*

Examiner



WILLIAM TROST  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

18 February 2004.